

CTB & CTBR SERIES ELECTRIC CONVECTION OVENS REPLACEMENT PARTS LIST



EFFECTIVE DECEMBER 3, 2007

THE BLODGETT CORPORATION

44 Lakeside Avenue, Burlington, Vermont 05401 USA Telephone: (802) 860-3700 (800) 331-5842 Fax: (802) 860-3732 www.blodgett.com IMPORTANT: When ordering parts, please provide the model, voltage and serial number of the oven. The identification plate is located above the control panel under the ledge.

Doors Are Not Returnable

ELECTRICAL COMPONENTS

Ref. No.	Part <u>No.</u>	Description
1 2	20350 18868	Buzzer, Electric 240V Mode Selector Switch w/o Knob, 1 SP
2	21068	Mode Selector Switch w/o Knob, 1 SP Mode Selector Switch w/o Knob, 2 SP
3	16686	Knob, Mode Selector Switch
4	30465	Cool Down Switch, Rocker SPDT Matt Black
5	16037	Indicator Light, 250V, Red, Round
	16605	Fuse, 10 AMP(Before 6/88 and after1/97)
6	20162	Fuse, 10 AMP (Between 6/88 and 01/20/97)
7	20442 20163	Fuse Holder (After 01/20/97) Fuse Holder (Between 6/88 and 01/20/97)
1	16604	Fuse Holder (Before 6/88)
8	32313	Motor, 230V, 1 PH, 1/4 HP, 1 SP
8	32302	Motor, 230V, 1 PH, 1/4 HP, 2 SP
9	6138	Blower Wheel Assy., (8-1/2" Diameter)
10	11204	Terminal Block w/ Screws
	4888	Lug, Grounding
	34898	Cord Set Assy. w/receptacle, 3 PH
	34899 37227	Cord Set Assy. w/receptacle, 1 PH Harness, Element 5 KW
	16647	Harness, Element 7.5 KW
11	19118	Element Assy., 208V, 5 KW
11	8596	Element Assy., 230V, 5 KW
11	8595	Element Assy., 240V, 5 KW
	19284	Element Assy., 208V, 7.5 KW
	90097	Element Assy., 230V, 7.5 KW
	90098	Element Assy., 240V, 7.5 KW
	NOTE:	2 Element Rings in element assy = 5 KW 3 Element Rings in element assy = 7.5 KW
	6177	Microswitch Plate (used with 16880)
12	16880	Microswitch Assy., Door (Before 02/14/97)
	33946 33286	Microswitch Assy., Door (After 02/14/97) Activator, Door Switch (Before 07/17/98)
	33286	used with 33946
	34524	Activator, Door Switch (07/17/98 and After)
	0.027	used with 33946
13	21430	Axial Fan Kit, 3", 230V (Before 05/22/97 or
		S.N. 052297LA035S)
13	23034	Axial Fan Kit, 4", 230V (After 05/22/97 or
14	38559	S.N. 052297LA035S) Mechanical Contactor Conversion Kit, (1&3PH)
14	R11087	Mechanical Contactor, 3 Pole, 40 AMP, 240V,
	1111007	(1& 3PH)
		\

	For KFC Only Use Below:
37296	Mercury Contactor,3 Pole, 30 AMP, 208/240V,
	3PH
18651	Mercury Contactor,2 Pole, 60 Amp,208V,1PH

(All Contactors listed above for 5KW or 7.5KW Ovens)

CTB/CTBR

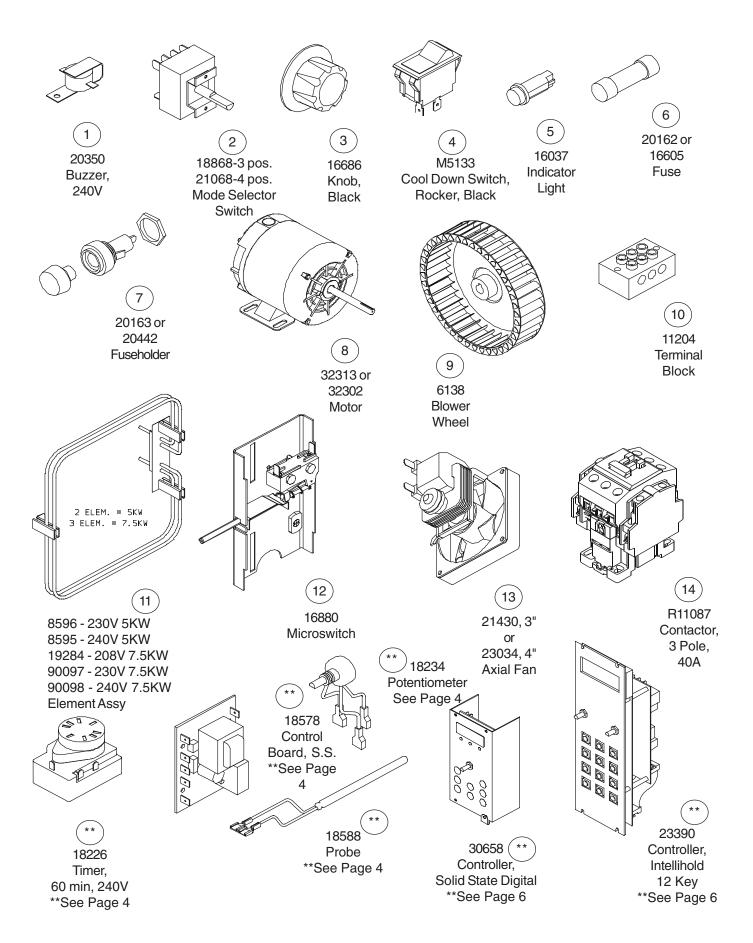
CONTROLS FOR OVENS MANUFACTURED BEFORE 7/83

Ref. No.	Part <u>No.</u>	<u>Description</u>
	5147	Timer, 60 Minute Mechanical w/ Knob
	16498	Knob, Timer 60 Minute Mechanical
	11304	Dial, 60 Minute Mechanical Timer
	16948	Timer, 60 Minute for Electric Buzzer w/ Knob
	16820	Dial Plate
	16030	Knob, 60 Minute Timer for Electric Buzzer
	5279	Thermostat, KX-38-36 w/o Knob
		(140° - 550°)
	11224	Dial, Thermostat
	6502	Cool Down Switch, Rocker DPDT, Red
	6500	Blower Switch, Rocker DPST, Blue
	6504	Indicator Light, 250V, Red, Rectangular
	5255	Fuse, 10 AMP
	11238	Fuse Holder
	8592	Control Panel Assy., CTB-1- NLA
	9637	Control Panel Assy., CTBR-1

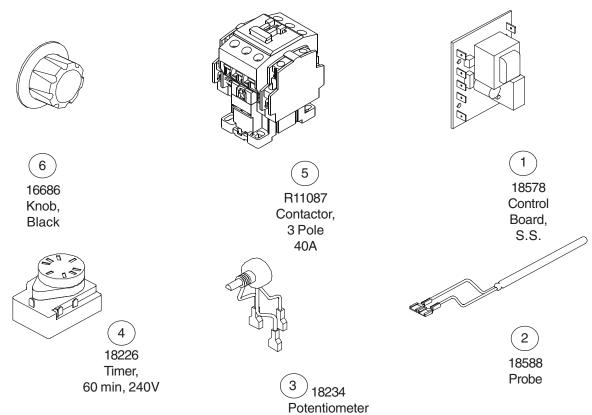
CONTROLS FOR OVENS MANUFACTURED 7/83 THROUGH 9/86

Ref. <u>No.</u>	Part <u>No.</u>	Description
	15956	Timer, 60 Minute w/o Knob (Cook Only)
	16030	Knob, Timer
	16536	Thermostat, Cook KX-234-36 w/o Knob
		(140° - 500°)
	17212	Knob, Thermostat
	90588	Contactor, 50 AMP
	16607	Control Decal, Lexan (Cook Only)

MISC. COMPONENTS

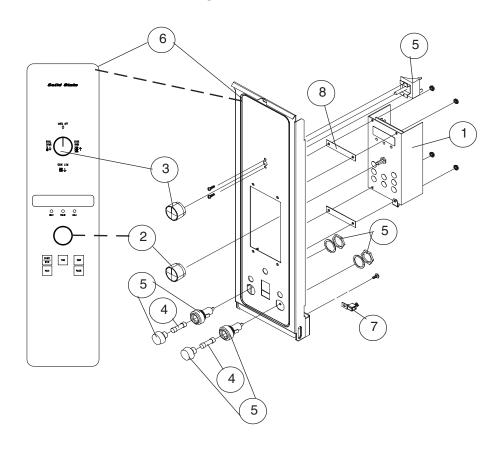


SOLID STATE MANUAL CONTROLS STANDARD ON OVENS MANUFACTURED AFTER 9/86



		1 otomiomotor
Ref. <u>No.</u>	Part <u>No.</u>	Description
	20346	Temperature Controller, 3 Positions (Specify Model & Temperature Settings)
	21432	Temperature Controller, 1 Position (Specify Model & Temperature Settings)
	16645	Probe, Temperature (For 1 & 3 Position Controllers) (2 Wires)
	16542	Probe, Temperature (For 1 & 3 Position Controllers) (4 Wires)
	16536	Thermostat, KX-234-36, Back-Up
	16393	Knob, for back up Thermostat 16536
1	18578	Temperature Control Board, Solid State
2	18588	Probe, Temperature
3	18234	Potentiometer, Remote (Infinite Control)
	18577	8 Position Temperature Switch
		(Specify Model & Temperature Settings)
	16686	Knob, 8 Position Temperature Switch
4	18226	Timer, 60 Minute 240V
6	16686	Knob, Timer
	90099	Heat Selector Switch, 3 Positions w/o Knob (Used w/20346)
6	16686	Knob, Heat Selector Switch
5	38559	Mechanical Contactor Conversion Kit
	16685 22018 18908 16637 30465	Control Decal, Lexan (3 Position) Control Decal, Lexan (Infinite Cook Only) Control Decal, Lexan (8 Set Point Cook) Control Decal, Wendy's only Rocker Switch, DPDT (For 1or 3 set pt. only)

SOLID STATE DIGITAL CONTROLS 5 KEY



Ref. <u>No.</u>	Part <u>No.</u>	<u>Description</u>
1	30658	Controller, Time/Temp. (5 Key)
	FW529	Controller, Recond. Time/Temp(5 Key)
	21068	Mode Switch, 4 pos.
	18588	Probe, Temperature
_		(see picture prior page, item 2 page 4)
2	24685	Knob, Adjust
3	24684	Knob, Mode
4	16605	Fuse, 10 AMP
		(Before 6/88 and after 01/20/97)
4	20162	Fuse, 10 AMP (Between 6/88 and 01/20/97)
5	20442	Fuse Holder (After 01/20/97)
5	20163	Fuse Holder (Between 6/88 and 01/20/97)
5	16604	Fuse Holder (Before 6/88)
	30662	Momentary Light Switch
	16880	Microswitch Assy., Door
	23086	Suppressor Assy.
6	30668	Control Panel & Decal Assy., 1 SP
6	30669	Control Panel & Decal Assy., 2 SP
7	90034	Grounding Lug
8	24931	Spacer, Control Qty 2

FAN DELAY WITH PULSE PLUS

Ref. <u>No.</u>	Part <u>No.</u>	<u>Description</u>
	18291	Timer, Fan Delay, 10 Minute, 240V
	18293	Timer, Fan On, 30 Minute, 240V
	18583	Timer, Solid State, Pulsing, 30 Second,240V
	16539	Indicator Light, 250V, Amber
	18582	Relay, 3PDT, 240V w/ Bracket
	18910	Control Decal, Lexan (8 Set Point)
	18911	Control Decal, Lexan (Infinite)

COOK & HOLD CONTROLS

Ref.	Part	
<u>No.</u>	<u>No.</u>	<u>Description</u>
	17982	Timer, 12 Hour w/ Knob (Before 3/7/85)
	17863	Timer, 12 Hour w/o Knob (After 3/7/85)
	16686	Knob, Timer
	15365	Thermostat, Hold K-877-36 w/o Knob
		(120° - 200°) (Before 9/86)
	16392	Knob, Hold Thermostat
	20351	Temperature Controller, Hold (150° - 250°)
		(After 9/86)
	16686	Knob, Hold Temperature Controller
	18588	Probe, Temperature
	18868	Mode Selector Switch w/o Knob(Before 9/86)
	20347	Mode Selector Switch w/o Knob (After 9/86)
	16686	Knob, Mode Selector Switch
	16539	Indicator Light, 250V, Amber, Round, Hold
	90268	Relay, 10 AMP, 3PDT
	17926	Microswitch Assy., Door Dbl (Before 9/86)
	16608	Control Decal, Lexan (C & H) (Before 9/86)
	18907	Control Decal, Lexan (Infinite Cook & Hold) (After 9/86)

INTELLITOUCH II CONTROL

33 KEY

Ref. <u>No.</u>	Part <u>No.</u>	<u>Description</u>
	24433	Controller, Intellitouch II
	30857	Probe, Temperature
	21169	Knob, Control
	5279	Thermostat, Back-Up KX-38-36
	19621	Switch, Back-Up Thermostat Rocker, DPDT,
		Black
	22738	Decal, Thermostat/Switch
	21675	Relay, SPDT, 240VAC
	19619	Switch, On/Off Controller Rocker, DPST,
		Black
	22962	Strip, Product
	16880	Microswitch Assy., Door

INTELLITOUCH CONTROLS 17 Key

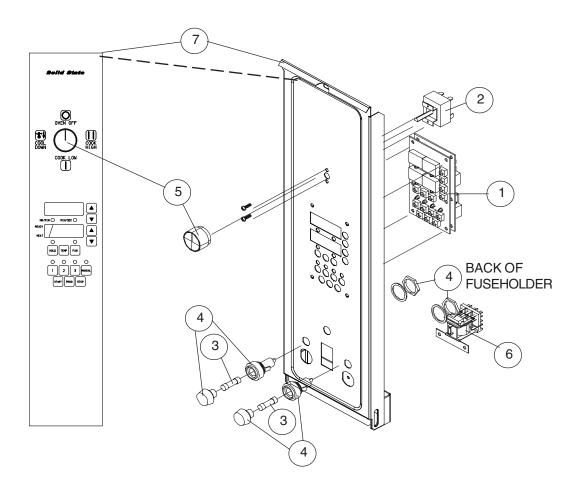
Ref. <u>No.</u>	Part <u>No.</u>	<u>Description</u>
	NLA	Temperature Controller, Integrated (Specify Model & Temperature Settings)
	NOTE:	Intellitouch Controller is no longer available. Please see page 9 for IQ2 conversion kit information.
	33523	Casters, Adjustable (Set of 4)
	20360	Probe, Temperature Integrated
	20112	RFI Filter (Used w/ Integrated Controller)
	18979	Metal Oxide Varistor Assy.
	20356	Transformer, 230V to 24V
	17926	Microswitch Assy., Door Double, 1SP
	20167 19189	Control Panel & Decal Assy., (Before 10/87) Control Panel & Decal Assy., (After 10/87)

INTELLIPLUS & INTELLIHOLD CONTROLS

12 KEY & 13 KEY

Ref. <u>No.</u>	Part <u>No.</u>	Description
**	NLA NLA <i>NOTE:</i>	Controller, Intelliplus (13 Key) Controller, Intelliplud (12 Key) pictured p.3 Intelliplus/hold Controllers are no longer available. Please see page 9 for IQ2 conversion kit information.
	23392	Probe, Temperature
	21443	Knob, Control
	23086	Suppressor Assy.
	20683	Wiring Harness, Control Panel
	24932	Control Panel & Decal Assy., Intelliplus
	24933	Control Panel & Decal Assy., Intellihold
	33472	Door Switch, 2 speed
	23086	Suppressor Assy.
	24503	Wiring Harness, Control Panel
	34354	Control Panel & Decal Assy. Intellitouch II

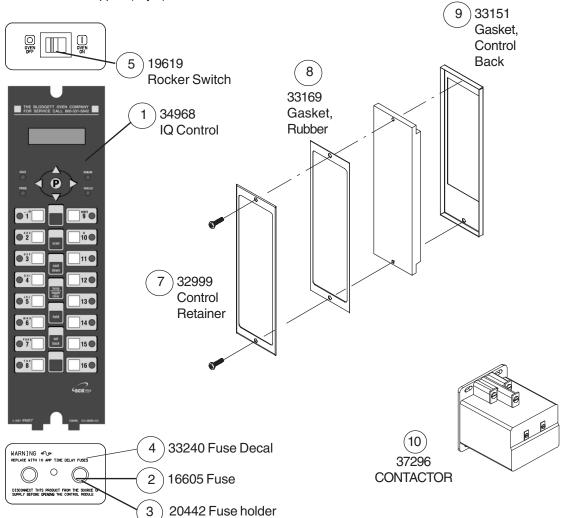
CH102 CONTROLS 14 KEY



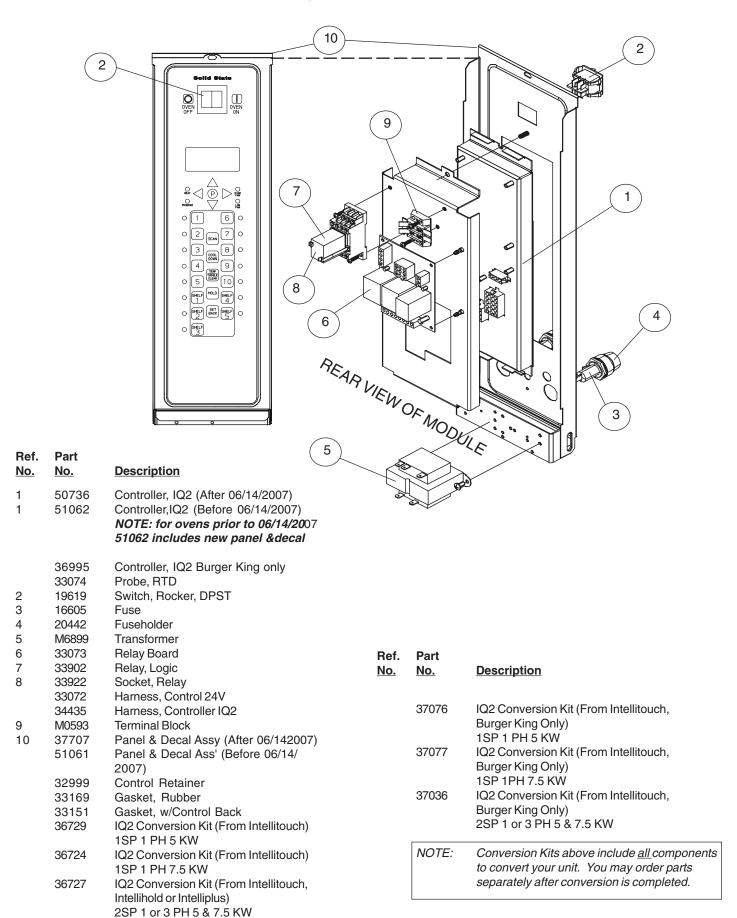
Ref. <u>No.</u>	Part <u>No.</u>	<u>Description</u>
1	37087	Controller, CH102 14 Key
	34473	Probe, RTD 36"
2	21068	Mode Selector Switch, 4 Position
	19620	Light Switch, Rocker, DPST, Momentary
3	16605	Fuse, 10 Amp Qty 2
4	20442	Fuseholder, 30 Amp Qty2
5	24685	Knob, Adjust for Mode Selector Switch Qty 1
	23086	Suppresor Assy
6	21675	Relay, SPDT 240V Qty 1
	16563	Relay Bracket
	21058	Harness, Wiring Control Compartment
	34411	Harness, Wiring 2 SP
7	36290	Control Panel & Decal Assy, CH102

EXCLUSIVE TO KFC IQ CONTROLS 1997 AND AFTER OR CTB-AP (All Purpose)

Ref. No.	Part <u>No.</u>	Description	Ref. No.	Part <u>No.</u>	<u>Description</u>
1 1	34968 FW531 34450 33902 33073 33074 33088 33922 M6899 16605	Control, "IQ" w/"SCK' for U.S. Control, "IQ" w/"SCK' for U.S., Recon. Motor, 230V, 2SP (for IQ Cntrl.) Relay Relay Board Probe, RTD 1000 Ohm Probe Clip Socket, Relay Transformer Fuse, 10 AMP	7 8	35973 34935 34875 34454 34449 34947 34451 33241 32999 33169	Liner, Baffle Assy. Baffle Bracket Kit Removeable Access Panel, Bodyside Door Assy, RH Grease Seam O-Ring (seals lower door bushings) Perimeter Door Gasket Assy(After 4/29/99) RTV, Red (caulking used with door gasket) Decal, On/Off, Reconditioned Control Retainer Gasket Retainer
3 4 5	20442 33240 33072 34435 34436 34951 33904 19619 34284 34041 33527 33155 34453	Fuseholder, 30 AMP. Class CC Fuse Decal Control Harness 24V Harness, IQ Cntrl. Harness, IQ Cntrl., Rear Harness, SCK "Communication" MOV Assy. Rocker, DPST, Black (Power Switch) Grease Shield US Product Strip (for IQ Controls) Product Strip CAN Front Communication Port Rack Support (Qty 1)	9 10	33151 37296 18651 34430	Gasket, Control Back Contactor, Mercury, 3 Pole, 30 Amp,208/240V Contactor, Mercury, 2 Pole, 60 Amp, 208V, 1 PH Top cap



IQ2 CONTROLS



COMPUTER READY OVENS FASTRON DIGITAL TIMER-KFC

Ref. <u>No.</u>	Part <u>No.</u>	Description
	16542	Probe, Temperature (Dual 4 Wire) for 3 Position & 1 Position Boards
	16645	Probe, Temperature (2 Wires) for 8 Set Point and Infinite Boards
	17925	Cable Extension (For Single Oven)
	18273	Wire Assy., Extension (For Double Oven)
	22929	Control Decal, KFC Only (Pos. w/o timer)
	37296	Contactor, Mercury, 3 Pole,30AMP,208/240V (5 or 7.5KW) 3 PH
	18651	Contactor, Mercury, 2 Pole, 60 AMP,208V (5 or 7.5 KW) 1 PH
	NOTE:	The Fastron Digital Timer on the side or top of your oven is not supplied or serviced by Blodgett. If you have issues with this, please contact Fast.

BAKING COMPARTMENT COMPONENTS

Ref. <u>No.</u>	Part <u>No.</u>	Description
	22637	Rack, w/ball stops, Each, 20-7/8" x 14-5/8"
	8590	Rack Support, Set of 2 (Before 8/91)
	31311	Rack Support, Set of 2 (After 8/91)
	20353	Thermostat Bulb Clip (Each)
	6056	Interior Baffle (Blower Wheel Cover) CTB S/S
	35972	Interior Baffle (Blower Wheel Cover) CTB Porc. Replaces 10369
	9543	Interior Baffle (Blower Wheel Cover) CTBR S/S
	35973	Interior Baffle(Blower Wheel Cover) CTBR Porc. Replaces 10381
	20799	Baffle Support Assy. w/ Screws
	35934	Baffle Bracket
	9704	Screen Assy, Baffle

stands, Legs

Ref.	Part	
No.	<u>No.</u>	<u>Description</u>
	11993	Stand, 5-3/4" Stainless
	10857	Stand, 7" Stainless
	18479	Stand, 16" Stainless w/ Shelf
	10856	Stand, 19" Stainless w/ Shelf
	10855	Stand, 24" Stainless w/ Shelf
	10854	Stand, 33" Stainless w/ Shelf
	34024	Stand, 11" Stainless w/Shelf & Adjustable
		Casters (KFC Only)
	34025	Stand, 19" Stainless w/Shelf & Adjustable
		Casters (KFC Only)
	18482	Stand, 16" Stainless w/ Shelf & Casters
	11437	Stand, 19" Stainless w/ Shelf & Casters
	15151	Stand, 24" Stainless w/ Shelf & Casters
	33940	Stand, 28" No Shelf (Burger King Only)
	15153	Stand, 33" Stainless w/ Shelf & Casters
	30028	Stand, 33" Stainless w/Feet and Rack
	20435	Legs, 4" w/ Bolts,S/S (Set of 4)
	20497	Shelf for Stand, S/S w/hardware
	16002	Casters (Set of 4)
	33523	Casters, Adjustable (Set of 4)
	33940	Stand, 28 ", (Burger King Only)

DOOR COMPONENTS

Ref. **Part** Part Ref. No. No. **Description** No. **Description** No. **MANUFACTURED AFTER 9/86** 5742 Spanner Key, Door Catch (Manufactured Before 7/83) Door Assy., Glass CTB **19607** Door Assy., Glass CTBR **19609** Hinge Pin w/ Bolts 8594 **19608** Door Assy., Solid CTB Washers, Door, Set of 2 90017 **19610** Door Assy., Solid CTBR (Manufactured After 9/86) 90004 Bushings, Door Hinge, Set of 2 NOTE: ALL DOORS FOR OVENS MANUFACTURED BEFORE (Manufactured After 9/86) 9/86 DO NOT INCLUDE PART # 17865 (ROLLER LATCH W/ 912 Bushing, Welded, Qty. 1 SCREWS), PLEASE ORDER THIS PART SEPARATELY. (Manufactured Before 9/86) Washers, Door, Set of 12 11695 (Manufactured Before 7/83)

MANUFACTURED BETWEEN 1/85 & 9/86

•	17947	Door Assy., Glass CTB
♦	17949	Door Assy., Glass CTBR
♦	17948	Door Assy., Solid CTB
•	17950	Door Assy., Solid CTBR

NOTE: ALL DOORS FOR OVENS MANUFACTURED BEFORE 9/86 DO NOT INCLUDE PART # 17865 (ROLLER LATCH W/ SCREWS), PLEASE ORDER THIS PART SEPARATELY.

MANUFACTURED BEFORE 1/85

♦ 17	807	Door Assy., Roller Latch Conv. Glass CTB
♦ 17	810	Door Assy., Roller Latch Conv. Glass CTBR
♦ 17	808	Door Assy., Roller Latch Conv. Solid CTB
♦ 17	809	Door Assy., Roller Latch Conv. Solid CTBR
85	89	Handle, Door 13"
19	260	Gasket, Door Perimeter CTB (Manufactured After 9/86
20	735	Gasket, Door Perimeter CTBR
		(Manufactured After 9/86)
17	862	Gasket, Door Perimeter
		(Manufactured Between 1/85 & 9/86)
114	495	Gasket, Door Perimeter
		(Manufactured Before 1/85)
900	36	Window Assy., Door (17-1/8" x 10")
900	35	Window Tool (comes with window)
168	380	Microswitch Assy., Door
		(Manufactured Before 2/14/97)
339	946	Microswitch Assy., Door
		(Manufactured After 2/14/97)
332	286	Door Pin Activator
	-0.4	(Between 2/14/97 & 7/17/98)
_	524	Door Pin Activator (7/17/98 and after)
1/9	946	Door Roller Assy. CTB & CTBR
47	244	(on Door) (Manufactured After 9/86)
178	944	Door Roller Assy CTB
170	945	(on Door) (Manufactured Before 9/86) Door Roller Assy CTBR (on Door)
173	940	(Manufactured Before 9/86)
179	365	Latch, Roller w/ Screws (on Oven)
170	303	Used with 17946, 17944, 17945
ann	087	Door Catch, Spring Clip
300	507	(Manufactured Before 1/85)
858	83	Door Catch, Striker Plate
		(Manufactured Before 7/83)
858	34	Door Catch, Ball Plunger w/ Nut
		(Manufactured Before 7/83)

EXTERIOR COMPONENTS

DOOR COMPONENTS-CONT'D.

Ref. <u>No.</u>	Part <u>No.</u>	Description
	6433	Crown Assy.
	90086	Nameplate, Blodgett
	8585	Steam Vent Box w/ Screws for CTB-1
	90092	Steam Vent Riser w/ Screws for CTB-2 S/S
	18699	Access Panel, S/S (Removeable Bodyside) (All units Before 07/01/98)
	34875	Access Panel, S/S (Removeable Bodyside) CTB-AP (07/01/98 and after)
	34876	Access Panel, S/S (Removeable Bodyside) CTB (07/01/98 and after)
	34877	Access Panel, S/S (Removeable Bodyside) CTBR (07/01/98 and after)
	16002	Casters (Set of 4)
	33523	Casters, Adjustable (Set of 4)
	18065	Bolts, Connecting CTB-2, Set of 2
	6421	Body Top, S/S CTB & CTBR
	23066	Body Top, S/S CTB & CTBR (Computer Ready only)

EXCLUSIVE TO KFC CE

EXCLUSIVE TO EXPORT

CTB-AP (All Purpose)			Ref.	Part No.	Description	
Ref.	Part		No.	<u>INO.</u>	Description	
Ref. No. 26	No. 34968 FW531 34450 90097 8596 36066 M0593 M3167 M8593 M8662	Description Control, "IQ" w/'SCK' CE Control, "IQ" w/'SCK', Recon. CE Motor, 230V, 2SP (for IQ Cntrl) CE Element Assy, 230V 5KW CE Element Assy, 230V, 7.5KW CE Thermostat, High Limit Kit (Manual Reset) CE Replaces M3295 Terminal Block CE Fuseholder, Type HTB-36M CE (for M8593) Fuse, Export 10 Amp CE Fuseblock, 5mm x 20mm CE (for M6899)		24417 24413 20084 20427 18582 33095 37297 36066 M3167 M8593 8596 90097	Controller, Intelliplus 50 HZ 13 Key Controller, Intellihold 50 HZ 12 Key Timer, 60 Minute, 240V, 50 HZ Timer, 12 Hour, 240V, 50 HZ Relay, 3PDT, 240V Block, Terminal, 6 Pole CE Contactor, Mercury CE, Export Thermostat, High Limit Kit (Manual Reset) CE Replaces M3295 Fuseholder, Type HTB-36M CE (for M8593) Fuse, Export 10 Amp CE Element Assy, 230V 5 KW, 2 Ring Element Element Assy, 230V 7.5 KW,	
	M6899 19619 33072	Transformer, 208/240V-24V CE Rocker Switch, Black DPST CE Control Harness, 24V CE		8595	3 Ring Element Element Assy, 240V, 5KW, 2 Ring Element	
	33073	Relay Board CE		90098	(Great Britain only) Element Assy, 240V, 7.5KW,	
		Relay Board CE MOV Assy CE Front Communication Port CE Rear Communication Port CE Control Panel Assy CE Decal, On/Off CE Relay CE Socket, Relay CE Clip, Relay CE Harness, IQ Cntrl. CE Fuse, 250V 1.0 AMP CE Fuse Label 1.0 AMP CE Decal, Fuse CE Grease Shield Rack Support (Qty 2) Liner, Baffle Assy. Baffle Bracket Kit Removeable Access Panel, Bodyside Door Assy, RH Grease Seam O-Ring Gasket (seals lower door bushings) Perimeter Door Gasket Assy		90098 M3810 24684	(Great Britain only) Element Assy, 240V, 7.5KW, 3 Ring Element (Great Britain) Tube Clamp 1/8" CE Knob, Control Infinite CE	
24 25	34451 32999 33169	(After 4/29/99 or S.N. 042999MA019S) RTV, Red (caulking used with door gasket) Control Retainer Gasket Retainer				
28	33151	Gasket, Control Back				